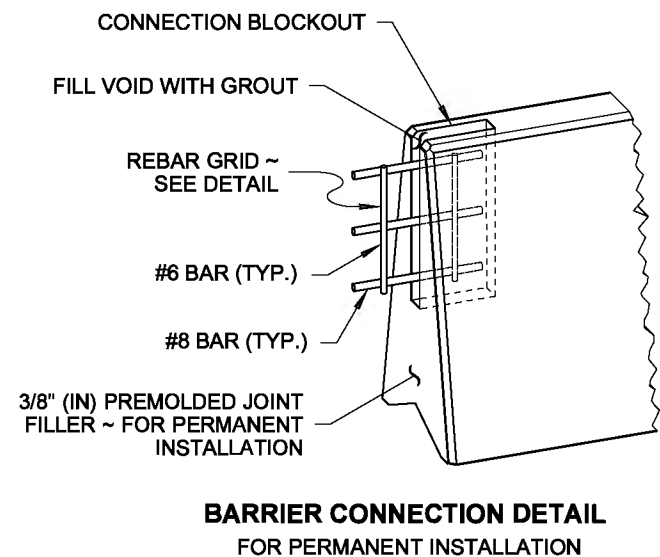
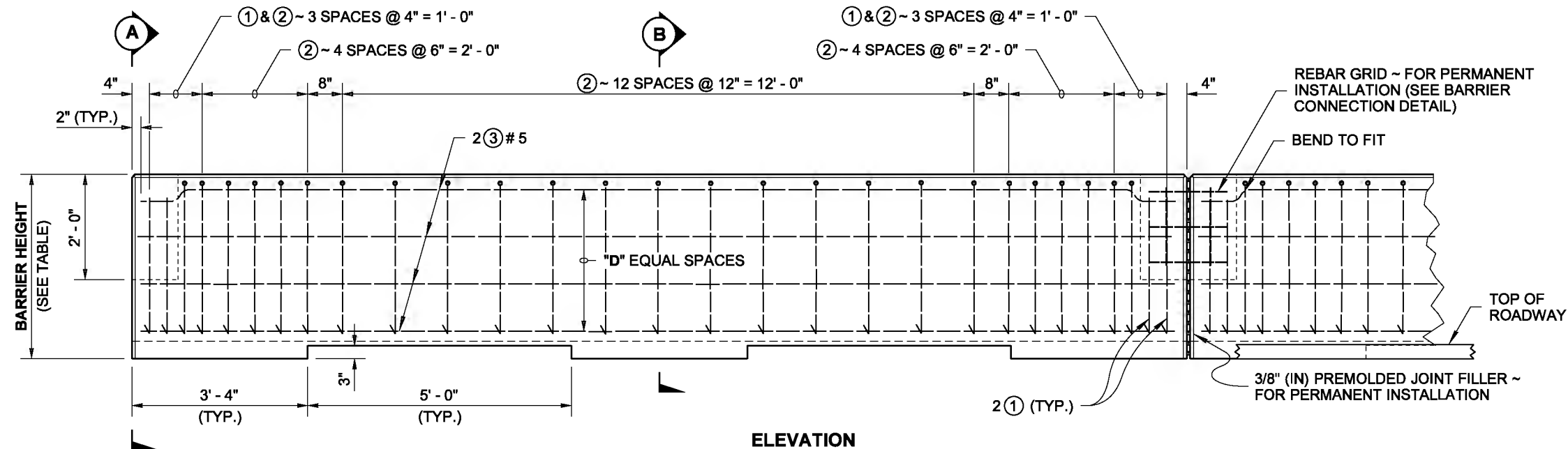
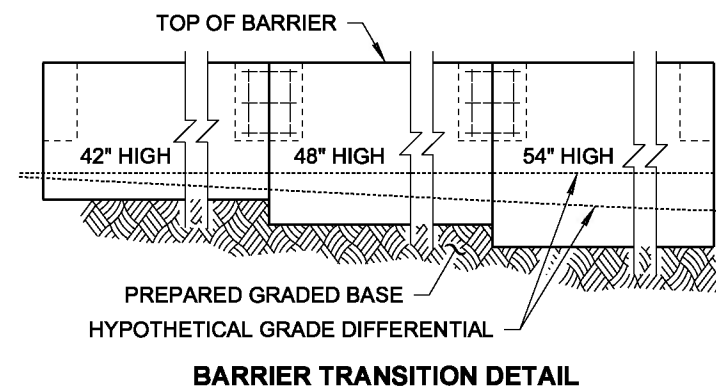


- ## NOTES
1. **PERMANENT INSTALLATION** requirements: Embed barrier 3" (in) minimum; install 3/8" (in) Premolded Joint Filler between segments; fill the Connection Blockout with grout, centering the Rebar Grid in the blockout before adding grout.
 2. **TEMPORARY INSTALLATION** requirement: Place a Rebar Grid in the Connection Blockout between barrier segments.
 3. Installation on a horizontal curve with a radius less than 2,000' (ft) requires a modified end design.
 4. For Barrier with a 2' - 10" reveal, see Sheet 2.
For High-Performance Barrier with a 3' - 6" reveal, see Sheet 3.



NOTE:
STEEL WELDED WIRE REINFORCEMENT DEFORMED FOR CONCRETE
MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE
WITH **STANDARD SPECIFICATION 6-10.3**



REINFORCING STEEL BENDING DIAGRAM

SEE STD. SPEC. 9-07.1(2) FOR BENDING DIAMETERS

The image contains two diagrams of reinforcing steel bars, labeled 1 and 2. Diagram 1 shows a bar with a vertical dimension 'E' of 21, a hook with a 135° angle, and a circular bend with a 4-inch diameter. Diagram 2 shows a bar with a vertical dimension 'F' of 21, a horizontal dimension 'G' at the base, a hook with a 135° angle, a circular bend with a 4-inch diameter, and a top curve with a 2 3/4 inch radius. Both diagrams specify a #4 bar size.

① #4

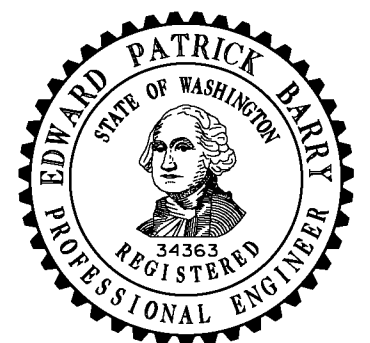
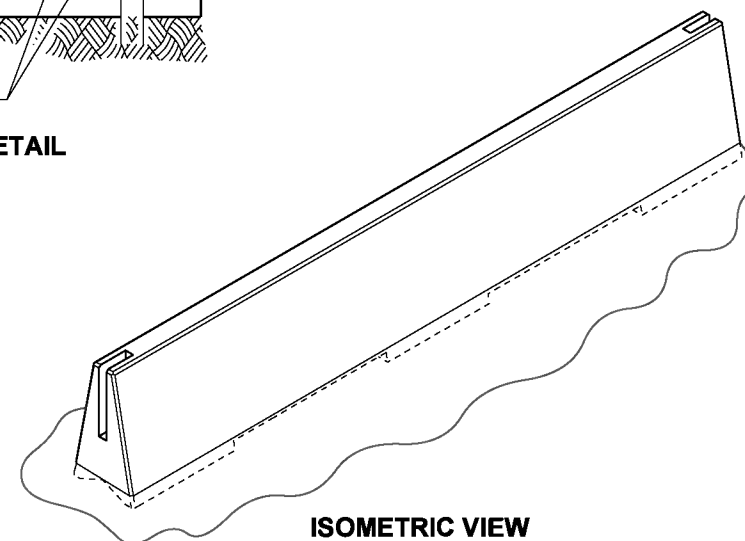
135° HOOK

② #4

135° HOOK (TYP.)

SEE DIMENSION TABLE

DIMENSION TABLE							
BARRIER HEIGHT	A	B	D	E	F	G	HORIZONTAL BARS (QTY.)
3' - 6"	8"	2' - 0"	3	2' - 8"	2' - 10"	1' - 7"	8
4' - 0"	9 1/8"	2' - 2 1/4"	4	3' - 2"	3' - 4"	1' - 9"	10
4' - 6"	10 1/4"	2' - 4 1/2"	5	3' - 8"	3' - 10"	1' - 11"	12



**SINGLE-SLOPE
CONCRETE BARRIER
(PRECAST)
STANDARD PLAN C-70.10-01**

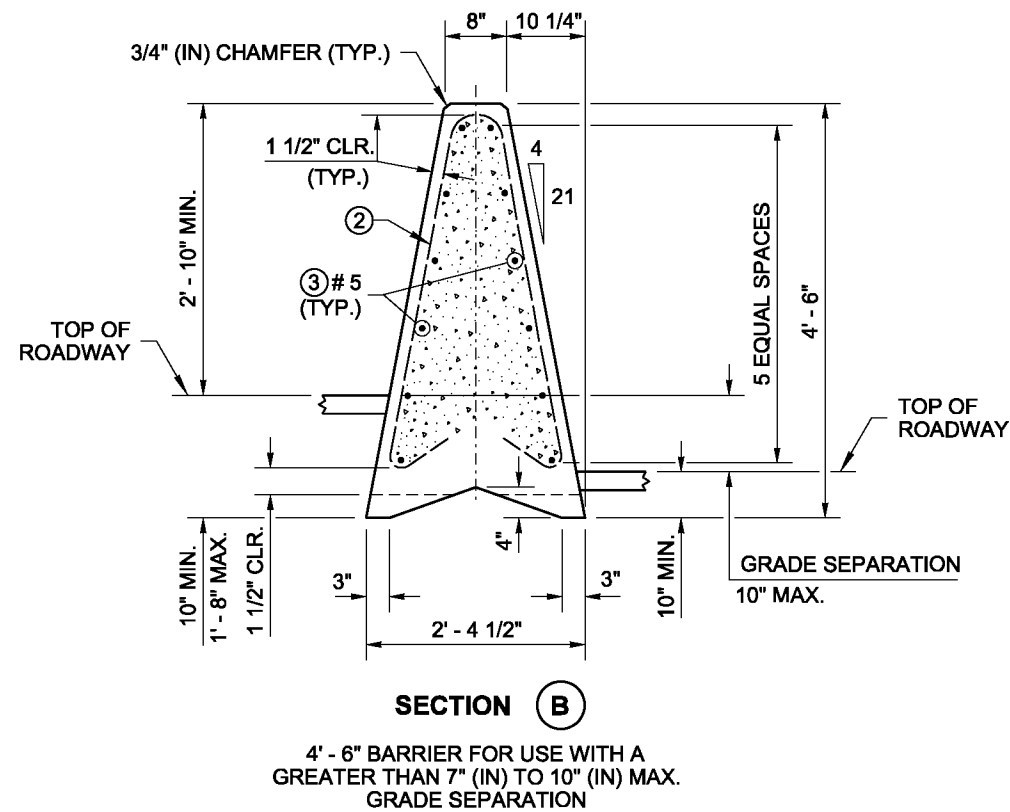
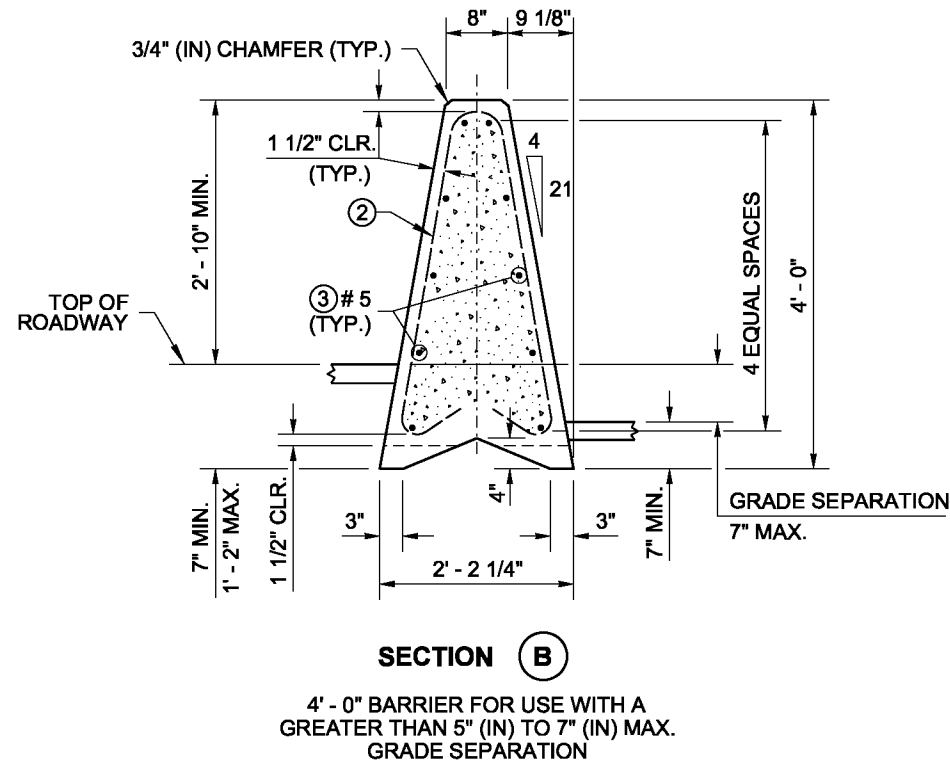
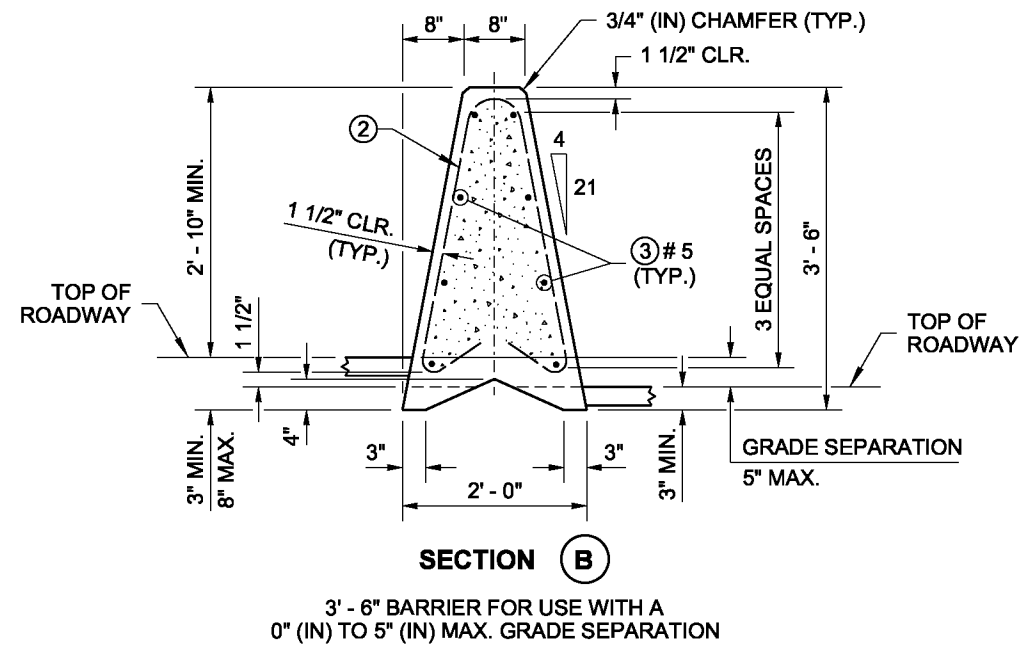
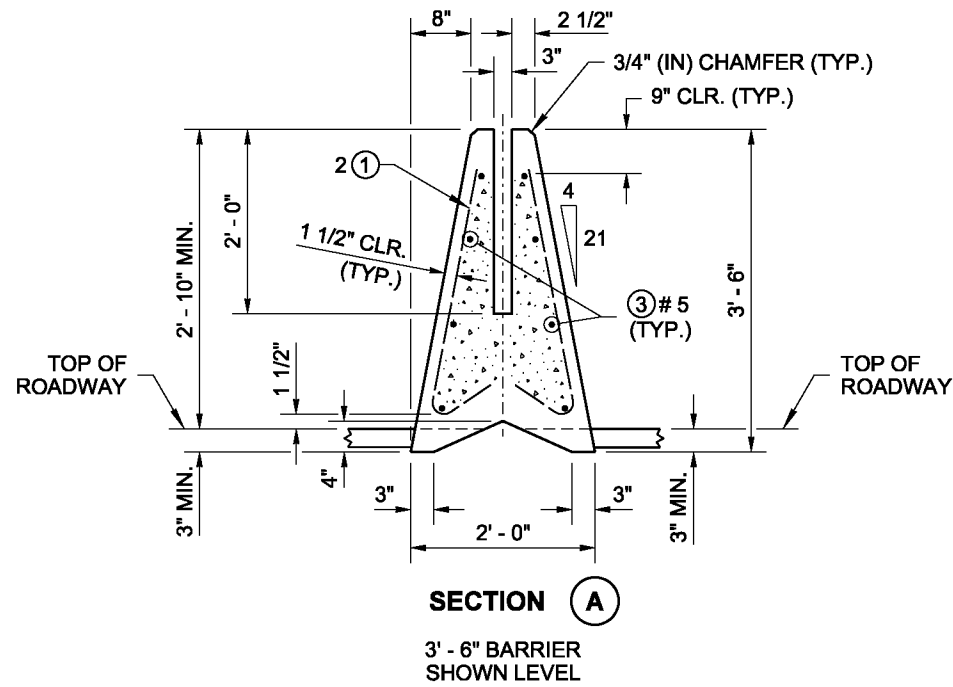
SHEET 1 OF 3 SHEETS

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STATE DESIGN ENGINEER



Washington State Department of Transportation

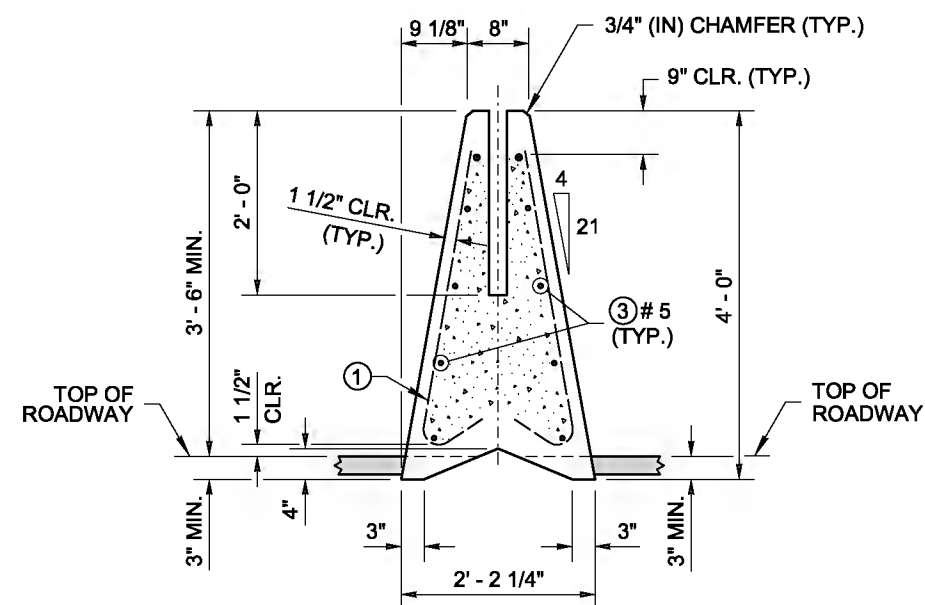


**SINGLE-SLOPE
CONCRETE BARRIER
(PRECAST)
STANDARD PLAN C-70.10-01**

SHEET 2 OF 3 SHEETS

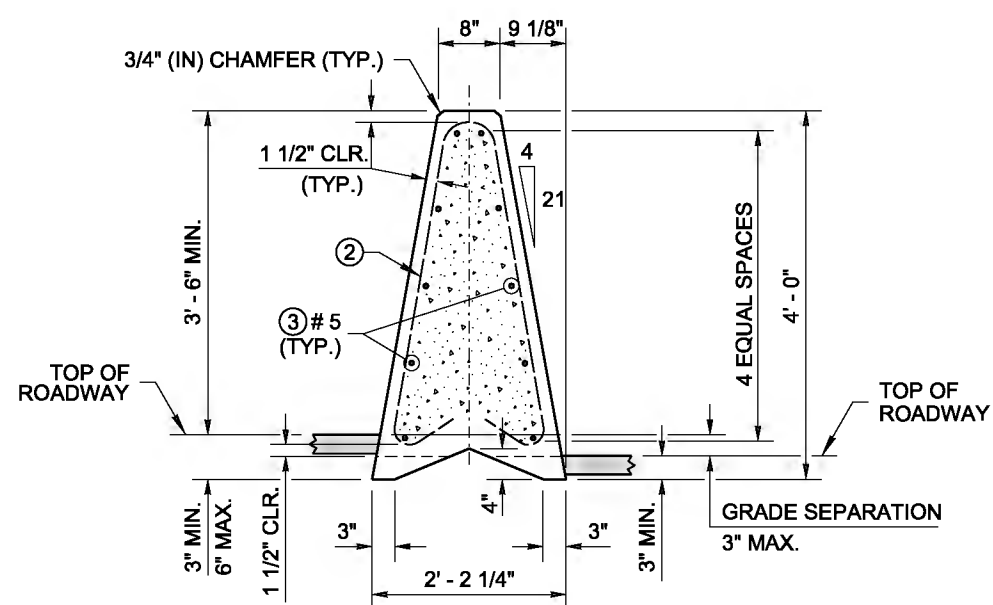
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STANDARD MOUNTING HEIGHT



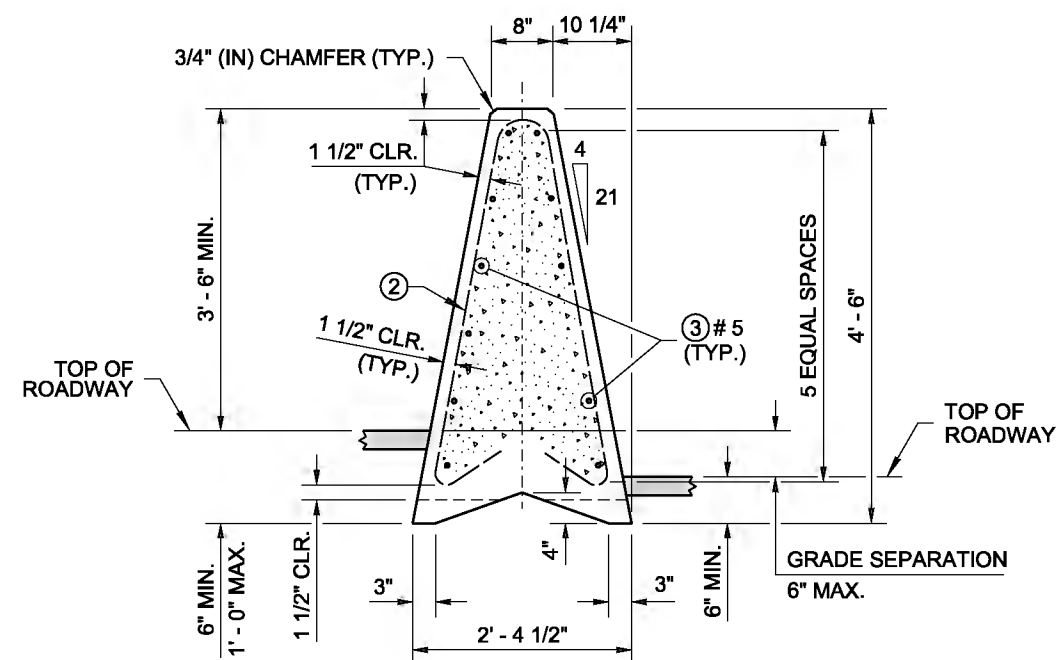
SECTION **(A)**

4' - 0" BARRIER
SHOWN LEVEL



SECTION B

4' - 0" BARRIER FOR USE WITH A
0" (IN) TO 3" (IN) MAX. GRADE SEPARATION



SECTION (B)

**4' - 6" BARRIER FOR USE WITH A
GREATER THAN 3" (IN) TO 6" (IN) MAX.
GRADE SEPARATION**



**SINGLE-SLOPE
CONCRETE BARRIER
(PRECAST)
STANDARD PLAN C-70.10-01**

SHEET 3 OF 3 SHEETS

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HIGH-PERFORMANCE BARRIER

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